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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket

FRANCISCUS M.J. DE BONT ET AL

PHN 17,828

Filed: CONCURRENTLY

Title: EMBEDDING A FIRST DIGITAL INFORMATION SIGNAL INTO A SECOND
DIGITAL INFORMATION SIGNAL FOR TRANSMISSION VIA A TRANSMISSION
MEDIUM

Commissioner for Patents, Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to calculation of the filing fee and examination, please
amend the above-identified application as follows:

IN THE CLAIMS

Please amend the Claims to be in the form as follows. A
marked up copy of the claims is included in an appendix following
this amendment for the Examiners convenience.

3. Transmitter as claimed in claim 1, characterized in that
a second frame represents a portion of the second digital
information signal of a predefined duration and a first frame
represents a portion of a third digital information signal of a
substantially the same duration.

6. Transmitter as claimed in claim 4, characterized in that
the transmitter further comprises means for detecting the capacity
available in a second frame to insert a first frame and generating

a control signal for controlling the datacompression of the third digital information signal, said control signal being indicative for the capacity available in said second frame.

7. Transmitter as claimed in claim 1, characterized in that the second digital information signal comprises at least one PCM signal.

8. Transmitter as claimed in claim 1, the transmitter being in the form of an apparatus for recording the digital information signal on a record carrier.

9. Transmitter as claimed in claim 1, characterized in that the transmitter further comprises channel-encoding means for channel encoding the transmission signal prior to transmission.

12. Method as claimed in claim 10, characterized in that a second frame represents a portion of the second digital information signal of a predefined duration and a first frame represents a portion of a third digital information signal of a substantially the same duration.

17. Transmission medium as claimed in claim 15, characterized in that a second frame represents a portion of the second digital information signal of a predined duration and a first frame

represents a portion of a third digital information signal of substantially the same duration.

19. Transmission medium as claimed in claim 15, wherein the record carrier is of the optical or magnetical recording type.

22. Receiver as claimed in claim 20, characterized in that the first digital information signal is a data compressed version of the third digital information signal.

23. Receiver as claimed in claim 20, characterized in that the first digital information signal is in the form of an MPEG encoded signal.

24. Receiver as claimed in claim 20, characterized in that the composite signal is a PCM signal and the second digital information signal is substantially the composite signal.

25. Receiver as claimed in claim 21, which receiving device takes the form of a device for reproducing a composite signal recorded on a record carrier.

26. Receiver as claimed in claim 22, characterized in that the receiver comprises channel decoding means accommodated immediately after the receiving means.

REMARKS

The foregoing Preliminary Amendment to the claims was made solely to avoid filing the claims in the multiple dependant form so as to avoid the additional filing fee.

The claims were not amended in order to address issues of patentability and Applicants respectfully reserves all rights they may have under the Doctrine of Equivalents. Applicants furthermore reserves their right to reintroduce subject matter deleted herein at a later time during the prosecution of this application or continuing applications.

Respectfully submitted,

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APPENDIX A

3. Transmitter as claimed in claim 1 ~~or 2~~, characterized in that a second frame represents a portion of the second digital information signal of a predefined duration and a first frame represents a portion of a third digital information signal of a substantially the same duration.

6. Transmitter as claimed in claim 4 ~~or 5~~, characterized in that the transmitter further comprises means for detecting the capacity available in a second frame to insert a first frame and generating a control signal for controlling the datacompression of the third digital information signal, said control signal being indicative for the capacity available in said second frame.

7. Transmitter as claimed in ~~any of the preceding claims~~ claim 1, characterized in that the second digital information signal comprises at least one PCM signal.

8. Transmitter as claimed in ~~anyone of the preceding claims~~ claim 1, the transmitter being in the form of an apparatus for recording the digital information signal on a record carrier.

9. Transmitter as claimed in ~~anyone of the preceding claims~~ claim 1, characterized in that the transmitter further comprises

channel-encoding means for channel encoding the transmission signal prior to transmission.

12. Method as claimed in claim 10 ~~or 11~~, characterized in that a second frame represents a portion of the second digital information signal of a predefined duration and a first frame represents a portion of a third digital information signal of a substantially the same duration.

17. Transmission medium as claimed in claim 15 ~~or 16~~, characterized in that a second frame represents a portion of the second digital information signal of a predined duration and a first frame represents a portion of a third digital information signal of substantially the same duration.

19. Transmission medium as claimed in claim 15, ~~16, 17 or 18~~, wherein the record carrier is of the optical or magnetical recording type.

22. Receiver as claimed in claim 20 ~~or 21~~, characterized in that the first digital information signal is a data compressed version of the third digital information signal.

23. Receiver as claimed in claim 20, ~~21 or 22~~, characterized in that the first digital information signal is in the form of an MPEG encoded signal.

24. Receiver as claimed in claim 20, ~~21, 22 or 23,~~
characterized in that the composite signal is a PCM signal and the
second digital information signal is substantially the composite
signal.

25. Receiver as claimed in ~~any one of the claims 20 to 24~~
claim 21, which receiving device takes the form of a device for
reproducing a composite signal recorded on a record carrier.

26. Receiver as claimed in ~~any one of the claims 20 to 25~~
claim 22, characterized in that the receiver comprises channel
decoding means accommodated immediately after the receiving means.